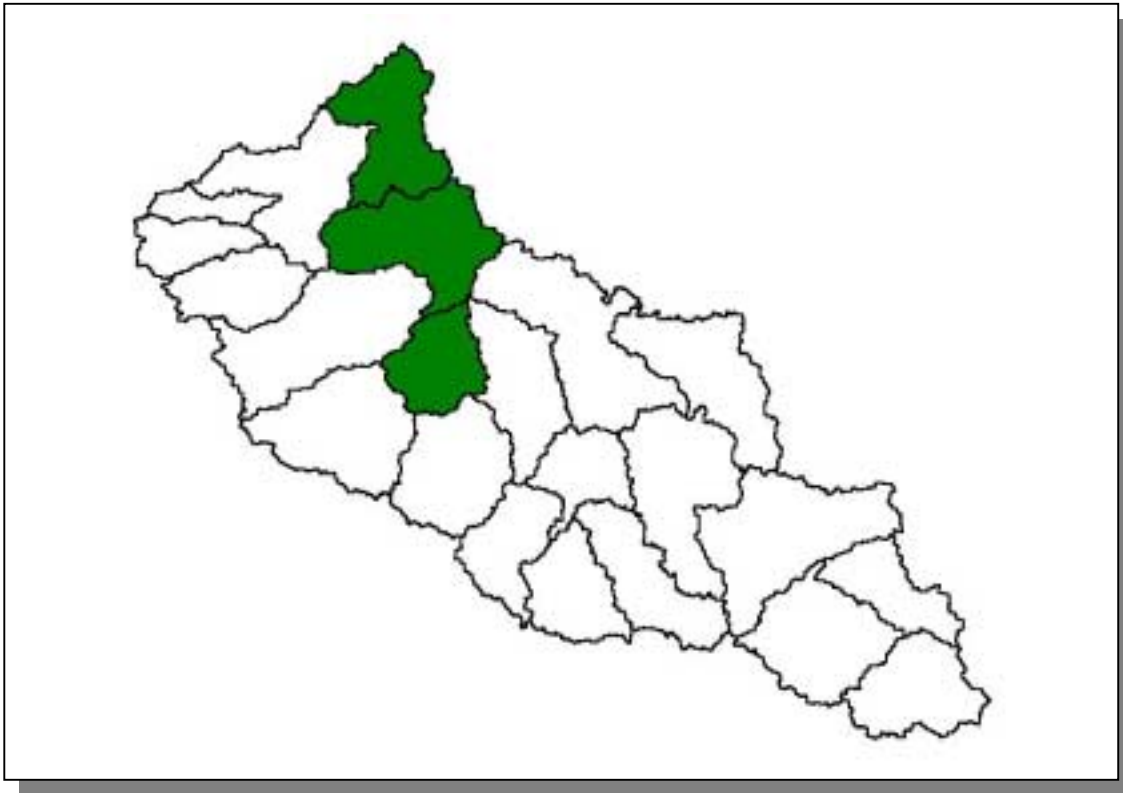
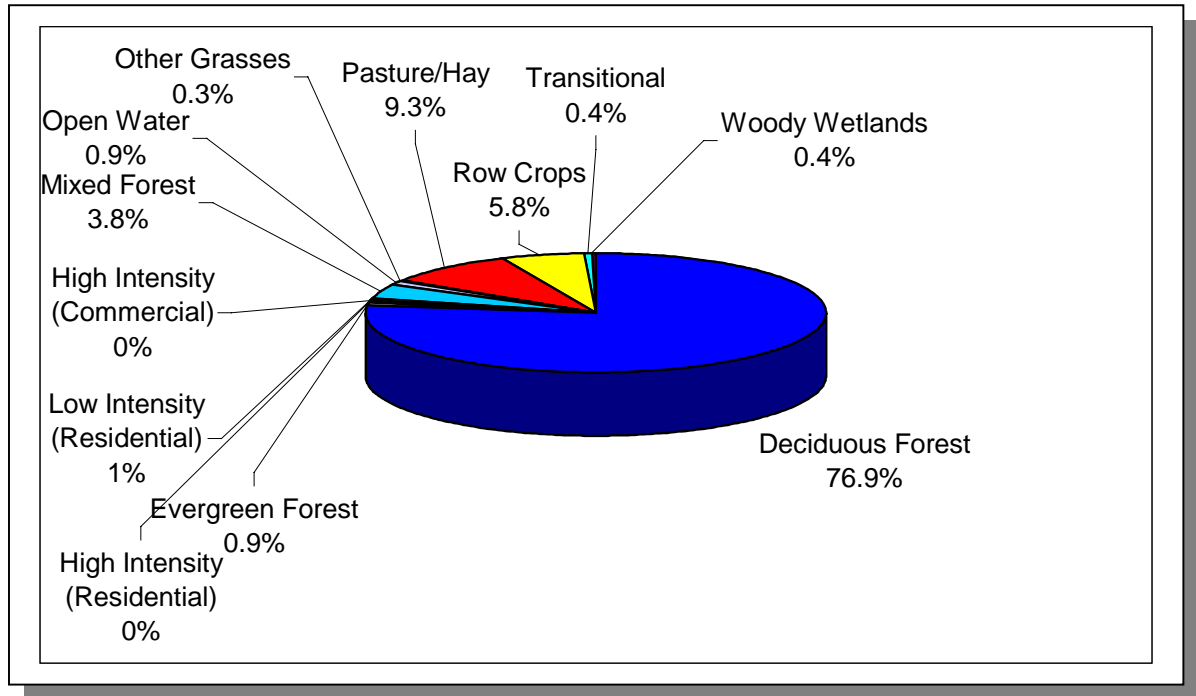


4.2.G. 05130204070.

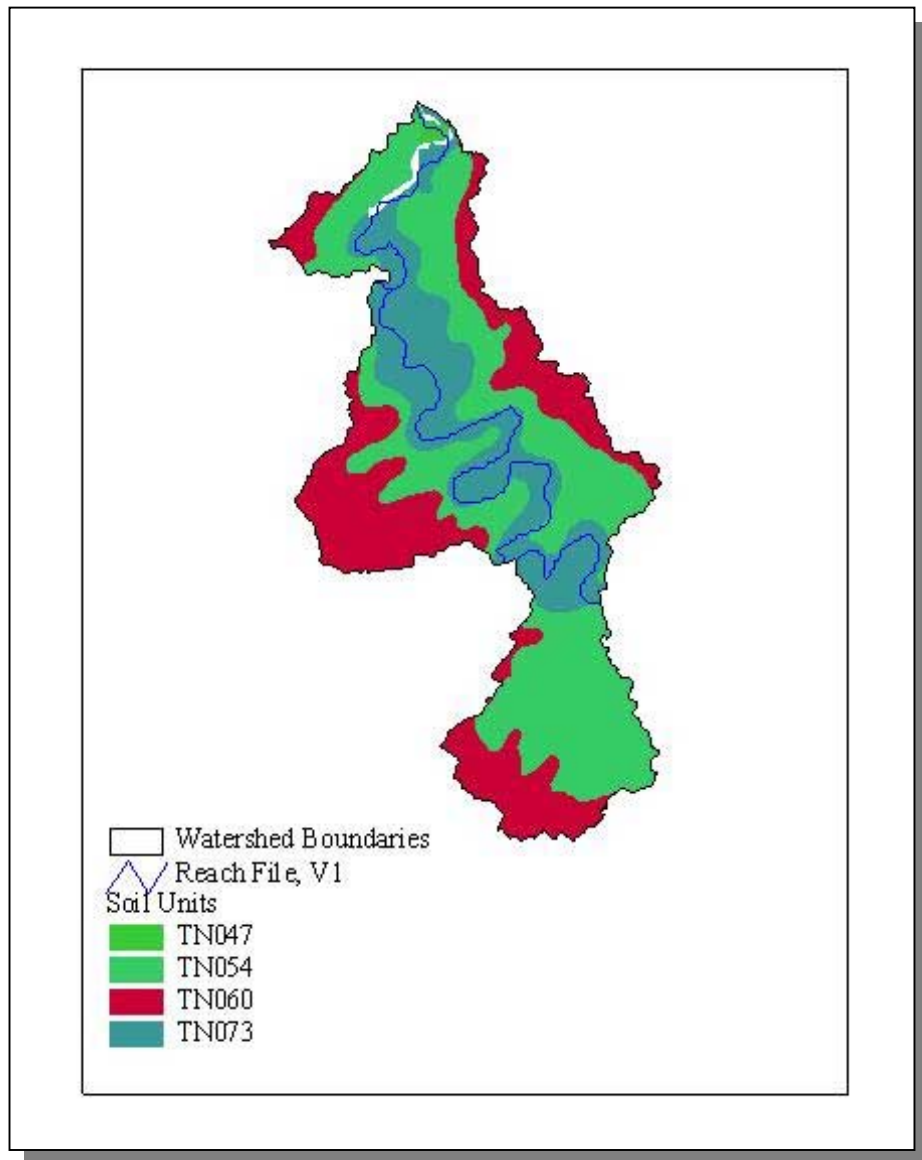


*Figure 4-43. Location of Subwatershed 05130204070. All Harpeth HUC-14 subwatershed boundaries are shown for reference.*

**4.2.G.i. General Description.**



**Figure 4-44. Land Use Distribution in Subwatershed 05130204070.** More information is provided in Harpeth-Appendix IV.



**Figure 4-45. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130204070.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN047	21.00	C	1.62	5.73	Silty Loam	0.37
TN054	0.00	C	3.04	4.84	Loam	0.32
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN073	0.00	B	2.97	5.21	Loam	0.34

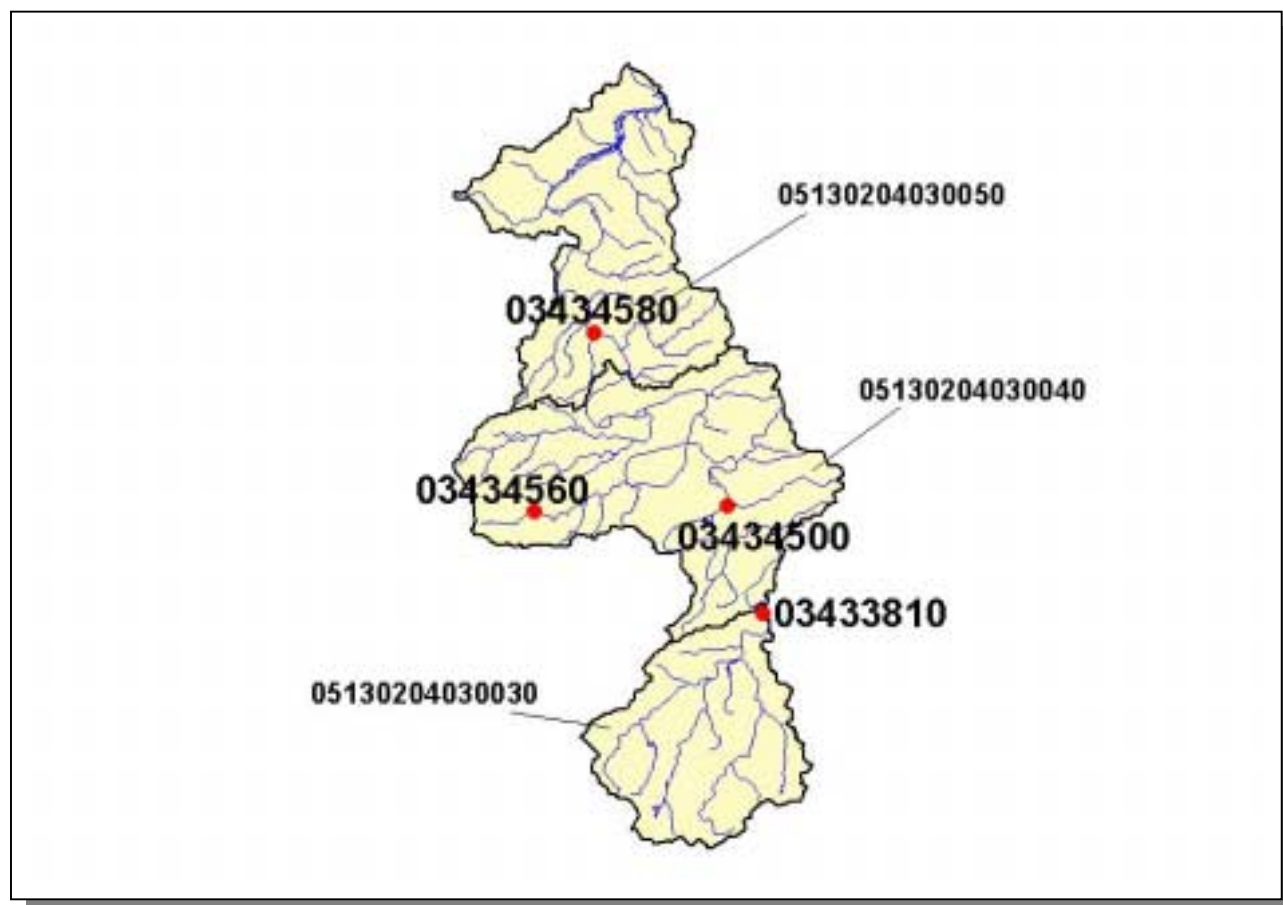
**Table 4-46. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130204070.** More information is provided in Harpeth-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Cheatham	27,140	34,402	19.14	5,195	6,585	26.8
Dickson	35,061	40,937	6.95	2,437	2,845	16.7
Williamson	81,021	111,453	3.92	3,176	4,369	37.6
<b>Totals</b>	<b>143,222</b>	<b>186,792</b>		<b>10,808</b>	<b>13,799</b>	<b>27.7</b>

*Table 4-47. Population Estimates in Subwatershed 05130204070.*

NUMBER OF HOUSING UNITS						
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Fairview	Williamson	4,210	1,479	833	640	6
White Bluff	Dickson	1,979	820	596	224	0
Kingston Springs	Cheatham	1,529	519	450	65	4
Pegram	Cheatham	1,371	535	20	510	5
<b>Totals</b>		<b>9,089</b>	<b>3,353</b>	<b>1,899</b>	<b>1,439</b>	<b>15</b>

*Table 4-48. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 05130204070.*

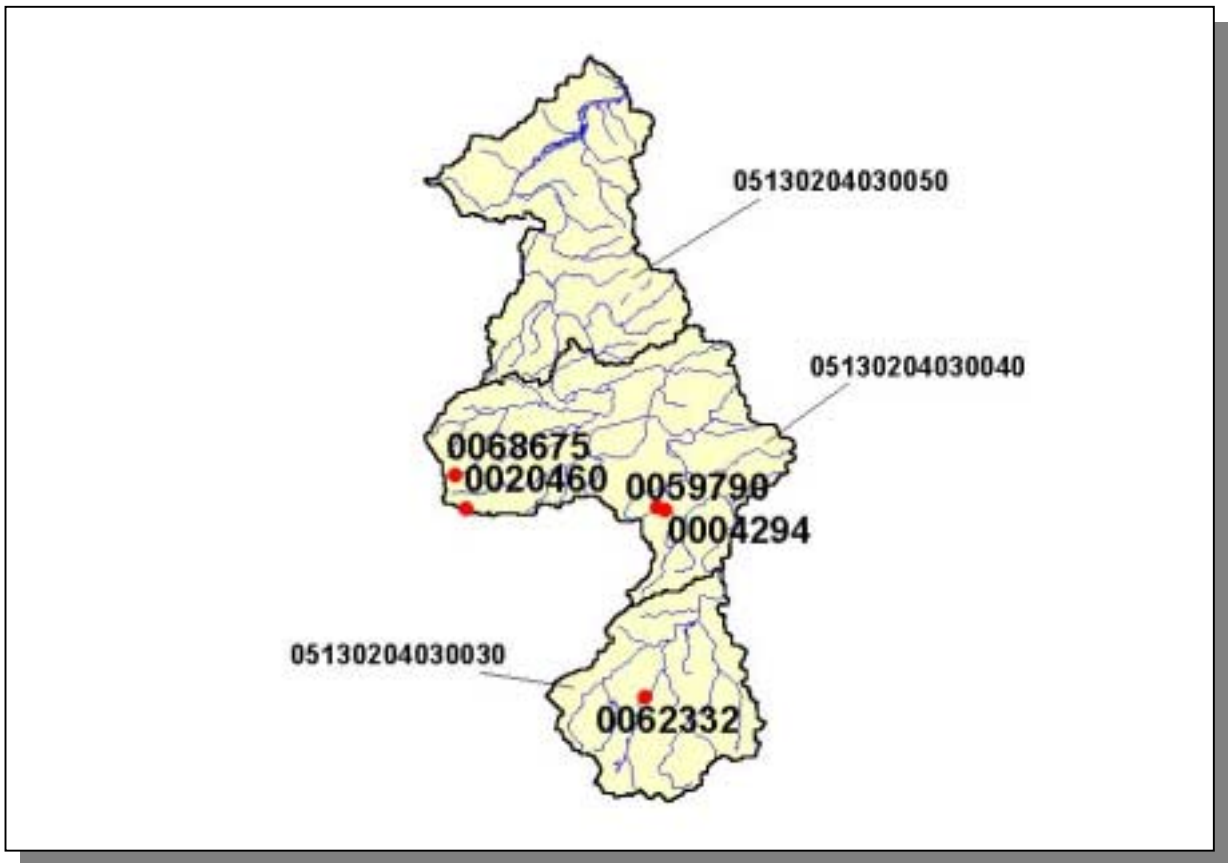


**Figure 4-46. Location of Historical Streamflow Data Collection Sites in Subwatershed 05130204070.** Subwatershed 05130204030030, 05130204030040, and 05130204030050 boundaries are shown for reference. More information is provided in Harpeth-Appendix IV.

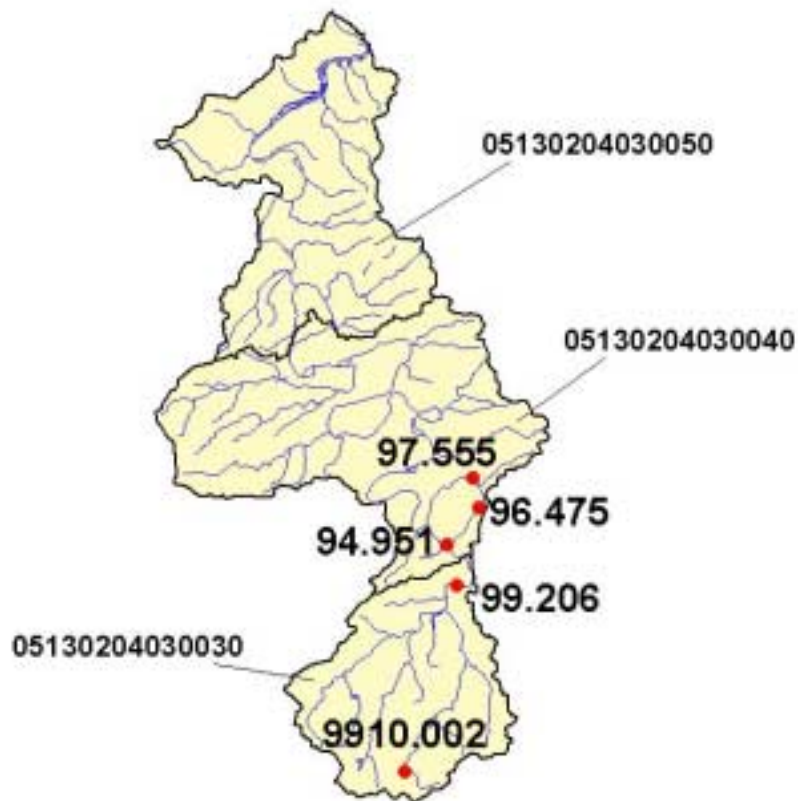


**Figure 4-47. Location of STORET Monitoring Sites in Subwatershed 05130204070.** Subwatershed 05130204030030, 05130204030040, and 05130204030050 boundaries are shown for reference. More information is provided in Harpeth-Appendix IV.

**4.2.G.ii. Point Source Contributions.**



**Figure 4-48. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 05130204070.** Subwatershed 05130204030030, 05130204030040, and 05130204030050 boundaries are shown for reference. More information, including the names of facilities, is provided in Harpeth-Appendix IV.



**Figure 4-49. Location of ARAP Sites (Individual Permits) in Subwatershed 05130204070.** Subwatershed 05130204030030, 05130204030040 and 05130204030050 boundaries are shown for reference. More information is provided in Harpeth-Appendix IV.

**4.2.G.iii. Nonpoint Source Contributions.**

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
321	3,931	27	5	17	332	11

**Table 4-49. Summary of Livestock Count Estimates in Subwatershed 05130204070.** According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.



County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cheatham	118.2	118.2	2.3	8.4
Dickson	174.3	174.3	1.8	7.7
Williamson	142.0	142.0	1.0	3.3
<b>Totals</b>	<b>434.5</b>	<b>434.5</b>	<b>5.1</b>	<b>19.4</b>

**Table 4-50. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 05130204070.**

CROPS	TONS/ACRE/YEAR
Soybeans (Row Crops)	7.79
Grass (Hayland)	0.42
Legume (Hayland)	0.55
Grass (Pastureland)	0.64
Grass, Forbs, Legumes (Mixed Pasture)	0.73
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	1.27
Corn (Row Crops)	6.27
Other Cropland not Planted	2.18
Legume Grass (Hayland)	0.35
Vineyard (Horticultural)	1.05
Other Vegetable and Truck Crops	7.71
Conservation Reserve Program Land	0.09
Tobacco (Row Crops)	6.75
Wheat (Close Grown Cropland)	1.27
Other Land in Farms	0.12
Legume (Pastureland)	0.33

**Table 4-51. Annual Estimated Total Soil Loss in Subwatershed 05130204070.**